

## Interview Summary

Application No.  
**09/620,826**

Applicant(s)  
**Majidi-Ahy et al.**

Examiner  
**Prenell Jones**

Art Unit  
**2664**

All participants (applicant, applicant's representative, PTO personnel):

(1) Prenell Jones

(3) \_\_\_\_\_

(2) Applicant's Representative (Dane Butzer)

(4) \_\_\_\_\_

Date of Interview Jun 9, 2003

Type: a) ☐ Telephonic      b) ☐ Video Conference  
c) ☒ Personal [copy is given to 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes      e) ☒ No. If yes, brief description:

Claim(s) discussed: 17

Identification of prior art discussed:

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

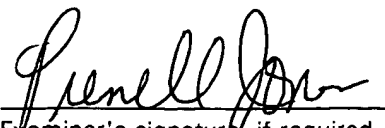
Dane Butzer approved the examination of the restricted Group I (claims 1-17 and 22-58) and the withdrawal Group II (claims 18-21), which is identified in the supplemental restriction. Examiner apologized for the typo in the first restricted action.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☐ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

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***Specification***

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2. The disclosure is objected to because of the following informalities: On pages 8 and 9, Applicant has left blank spaces indicating missing information.

Appropriate correction is required.

***Claim Rejections - 35 U.S.C. § 112***

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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4. Claim 1 is rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Applicant is claiming "*determining a second set of link parameters in response to a frequency of dropped packets*" in a plurality of packets" which is not described in the specification.

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 4-17 recites the limitation "using said communication system using said first values" in line 4 of page 45. There is insufficient antecedent basis for this limitation in the claim. Claims 5-17 depend on claim 4, therefore, claims 5-17 are rejected as well.

***Claim Rejections - 35 U.S.C. § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

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(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

8. Claims 2, 3 and 22-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Raissinia et al.

Regarding claims 2, 3 and 22-34, Raissinia discloses (Abstract, Figs. 1-5, col. 3, line 9 thru col. 5, line 30, ) a point-to-multi-point communication system that includes groups of codeword (first set of parameter values/second set of parameter values) associated with OSI physical layer and MAC layer, wherein the sending of first values (Fig. 2), producing second information regarding characteristics of a communication channel in response to a result of the steps of sending and adjusting plurality of first values (power, collision rate, error code) with respect to the second information (cols 5-8) wherein the first/second parameters of communication link are responsive to adjusting step, and (col. 8) communication link enduring interference effects whereby the link includes a (col. 4) plurality of separate channels using at least one or a plurality of time division.

***Allowable Subject Matter***

9. Claims 35-58 are allowed over prior art.

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Regarding independent claim 35, the limitation "optimizing plurality of communication parameters wherein time-varying adjustment is independent with regard to each independent communication channel, communication parameters are effective to alter aspects of each said independent channel with regard to frequency-variation, spatial-variation or time-variation" is absent from the art. Claims 36-58 depend on claim 35, there claims 36-58 are allowed as well as claim 35.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prenell Jones whose telephone number is (703) 305-0630. The examiner can normally be reached on Monday thru Friday from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (703) 305-4366. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Prenell Jones

June 12, 2003

